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contacts.

## WHAT IS CLAIMED IS:

1	1. A laser arbor for a saw having a spindle that rotates a saw
2	blade relative to a non-rotating portion of the saw, the laser arbor comprising:
3	a housing;
4	a laser light disposed at least in part within the housing;
5	a circuit electrically connected to the laser for providing power to the
6	laser, the circuit providing power from a voltage source that includes a portion
7.	secured to the non-rotating portion of the saw.
1	2. The laser arbor for a saw having a spindle of claim 1 wherein
2	the circuit further comprises a generator having a rotor associated with the spindle
3	and a stator associated with the non-rotating portion of the saw, whereby electrical
4	energy is generated as the spindle rotates the rotor relative to the stator.
1	3. The laser arbor for a saw having a spindle of claim 1 wherein
2	the circuit further comprises a generator having a permanent magnet secured to a
3	fixed guard and an arcuate coil section rotated by the spindle.
1	4. The laser arbor for a saw having a spindle of claim 1 wherein
2	the circuit further comprises an inductively coupled power source comprising a first
3	induction coil that is rotated by the spindle and a second induction coil that is on the
4	non-rotating portion of the saw, and wherein power for the laser light is provided
5	by the inductively coupled power source.
1	5. The laser arbor for a saw having a spindle of claim 1 wherein
2	the circuit further comprises a power source electrically connected by slip ring
3	contacts that establish electrical contact between the power source and the circuit,
4	wherein the slip ring contacts comprise a first set of contacts that rotate with the saw
5	blade and a second set of contacts that are stationary which contact the first set of

1 ·	6. The laser arbor for a saw having a spindle of claim 1 wherein
2	the circuit further comprises a power conditioning circuit that provides power within
3	a predetermined voltage range to the laser.
1	7. The laser arbor for a saw having a spindle of claim1 wherein
2	a fixed guard is part of the non-rotating portion of the saw.
1	8. A saw comprising:
2	a motor having a spindle;
3	a blade secured to the spindle and rotated by the motor to cut a
4	workpiece;
5	a laser arbor having a housing secured to the spindle for rotation with
6	the blade;
7	a light source disposed in the housing, the light source emitting a
8	narrow beam of light adjacent the blade for providing a visual indication of the
9	alignment of the blade with the workpiece; and
10	a generator electrically connected to the light source for providing
11	power to the light source, wherein the generator includes a rotor associated with and
12	rotated with the housing and a stator secured adjacent to the housing, the rotor being
13	rotated by the motor relative to the stator for generating a electrical power for the
14	light source.
1	9. The saw of claim 8 wherein the rotor is an electrical coil.
1	10. The saw of claim 9 wherein the stator is an electrical magnet
1	11. The saw of claim 9 wherein the stator is a permanent magnet
1	12. The saw of claim 9 wherein the rotor is electrically connected
7	to a power conditioning circuit that provides power directly to the light source

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The saw of claim 8 wherein the light source is a LED laser.

1	14. A saw comprising:
2	a motor having a spindle;
3	a blade secured to the spindle and rotated by the motor to cut a
4	workpiece;
5	a laser arbor having a housing secured to the spindle for rotation with
6	the blade;
7	a light source disposed in the housing, the light source emitting a
8	narrow beam of light adjacent the blade for providing a visual indication of the
9	alignment of the blade with the workpiece; and
10	an inductively coupled power source electrically connected to the
11	light source, wherein the power source includes a first induction coil associated with
12	and rotated with the housing and a second induction coil secured adjacent to the
13	housing, the second induction coil inducing voltage in the first induction coil to
14	provide power to the light source.
1	15. The saw of claim 14 wherein the rotor is electrically
2	connected to a power conditioning circuit that provides power directly to the light
3	source.
1	16. The saw of claim 14 wherein the light source is a LED laser.
1	17. A saw comprising:
2	a motor having a spindle;
3	a blade secured to the spindle and rotated by the motor to cut a
4	workpiece;
5	a laser arbor having a housing secured to the spindle for rotation with
6	the blade;
7	a light source disposed in the housing, the light source emitting a
8	narrow beam of light adjacent the blade for providing a visual indication of the
9	alignment of the blade with the workpiece; and
10	a generator electrically connected to the light source for providing
11	power to the light source, the generator having a permanent magnet secured to a
12	fixed guard and a coil rotated by the spindle.

1	18. A saw comprising:
2	a motor having a spindle;
3	a blade secured to the spindle and rotated by the motor to cut a
4	workpiece;
5	a laser arbor having a housing secured to the spindle for rotation with
6	the blade;
7	a light source disposed in the housing, the light source emitting a
8	narrow beam of light adjacent the blade for providing a visual indication of the
9	alignment of the blade with the workpiece; and
10	a power source electrically connected by a plurality of slip ring
11	contacts that establish electrical contact with the light source, wherein the slip ring
12	contacts comprise a set of rotating contacts that rotate with the blade and a set of
13	fixed contacts that are stationary and are mounted on the saw to contact the first set
14	of contacts.